

MARKED UP VERSION SHOWING AMENDMENT TO SPECIFICATION

Please amend the paragraph starting on page 75, line 26 as follows:

First, as discussed in detail previously and depicted in Figure 61, platelet rich plasma 260 and/or platelet poor plasma 262 are formed by centrifuging a quantity of anticoagulated whole blood 396 that was previously drawn from the patient. The platelet rich plasma 260 is first drawn from the centrifuge bag 226 and into collection chamber 400. Collection chamber 400 is preferably a syringe, but any container that will not contact activate the collected fraction is acceptable. The platelet rich plasma 260 can be pumped via outlet pump [830] 803 (Figure 53) into a collection chamber 400 or the desired fraction can be drawn directly into dispenser 902.

Please amend the paragraph starting on page 78, line 11 as follows:

In an alternative embodiment, thrombin [950] 955 is mixed with the platelet poor plasma 262 of phase-two thereby forming the autologous platelet gel composition 972 of the present invention in less than three minutes.